Wind power projects in Tamil Nadu

1467. SHRI AJIT P. K. JOGI :

SHRI RADHAKISHAN MALAVIYA :

Will the PRIME MINISTER be pleased to state :

(a) whether Government have sanctioned any new wind power projects other than Kayattar, Kanya-Kumari in Tamil Nadu;

(b) if so, the details thereof;

(c) whether the Government propose to toncrease the capacity of wind power energy at Kayattar;

(d) if so, the details thereof; and

(e) the feasibility of sea waves power generation and the time by which such power stations are likely to be located ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR) : (a) and (b) 2 MW demonstration wind farm at Kethanur in Coimbatore District has; recently been commissioned in Tamil Nadu. Two more demonstration projects of 2 MW each have been sanctioned at Authukinathu-patty and Thankachimadam in Poolavadi and Rameswaram Districts respectively.

(c) and (d) Further capacity addition at Kayathar is being undertaken through private sector projects.

(e) Different echnological routes to harness wave energy potential are being considered to examine the techno-economic feasibility for power generation on the Kerala coast and A & N Islands. The programme is at a development stage.

National Research Centres on Non-Conventional Energy Sources

1468. SHRI AJIT P. K. JGOI:

SHRI RADHAKISHAN MALAVIYA :

Will the PRIME MINISTER be pleased to state :

(a) what is the amount allocated for research and development of solar energy;

(b) whether Government propose to set up National Research Centres on Non-Conventional Energy Sources in Delhi, Calcutta, Bombay and Madras;

(c) if so, th; details thereof; and

(d) whether any such centre is to be established in Madhya Pradesh; if not, the reasons therefor ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR) : (a) An amount of Rs. 9.92 crores has been allocated during 1993-94 for research and development in Solar Energy.

(b) No, Sir.

(c) and (d) Do not arise.

Biogas plants and smokeless chulhas

1469. SHRI RADHAKISHAN MALAVIYA : Will the PRIME MINISTER be pleased to state :

(a) whether Government have received any proposals 'from State Governments, particularly from M.P., for setting up of bio-gas plants and smokeless chulhas in rural and urban areas during the last three years;

(b) if so, the details thereof, State-wise;

(c) the amount allocated for the purpose during the above period; and

(d) what has been the overall impact of biogas plants and smokeless chulhas on the environment, energy consumption pattern and on the development of non-conventional energy sources in the country ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR) : (a) Yes, Sir. Physical targets-for setting up of family type biogas plants and smokeless chulhas under two centrally sponsored schemes, namely, National Project on Biogas Development and National Programme on Improved Chulhas are fixed on annual basis in consultation with State Governments and Programme Implementing Agencies of all the States and Union Territo ries. Community & Institutional biogass plants were being installed in various states including Madhya Pradesh on the basis of proposals received from the state nodal departments/agencies during 1990-91 and